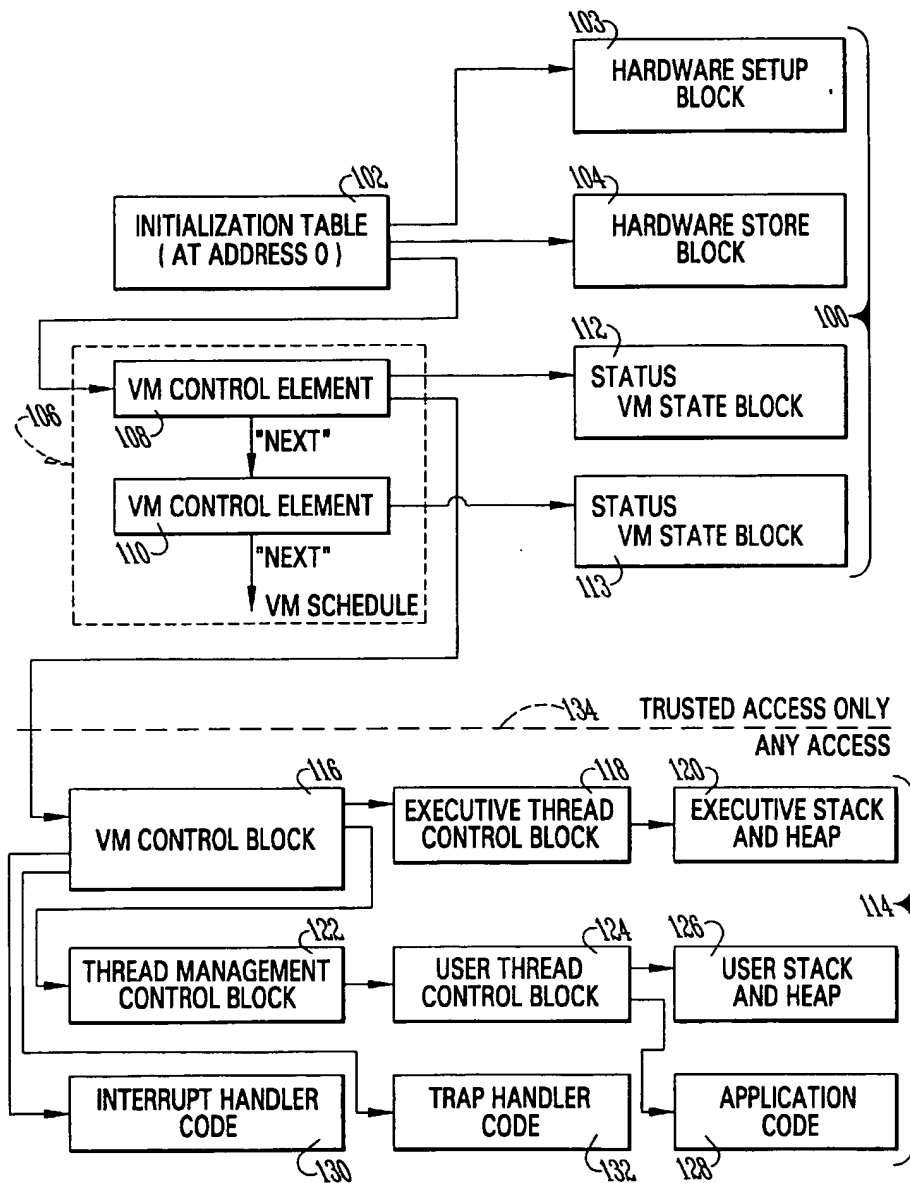


Figures

Figure 1: A line graph showing the relationship between the number of hours spent studying and the score on a test. The x-axis represents 'Hours Studied' (0 to 10) and the y-axis represents 'Test Score' (0 to 100). The data points are as follows:

Hours Studied	Test Score
0	50
1	55
2	60
3	65
4	70
5	75
6	80
7	85
8	90
9	95
10	100

The graph shows a positive linear relationship, indicating that as the number of hours spent studying increases, the test score also increases proportionally.



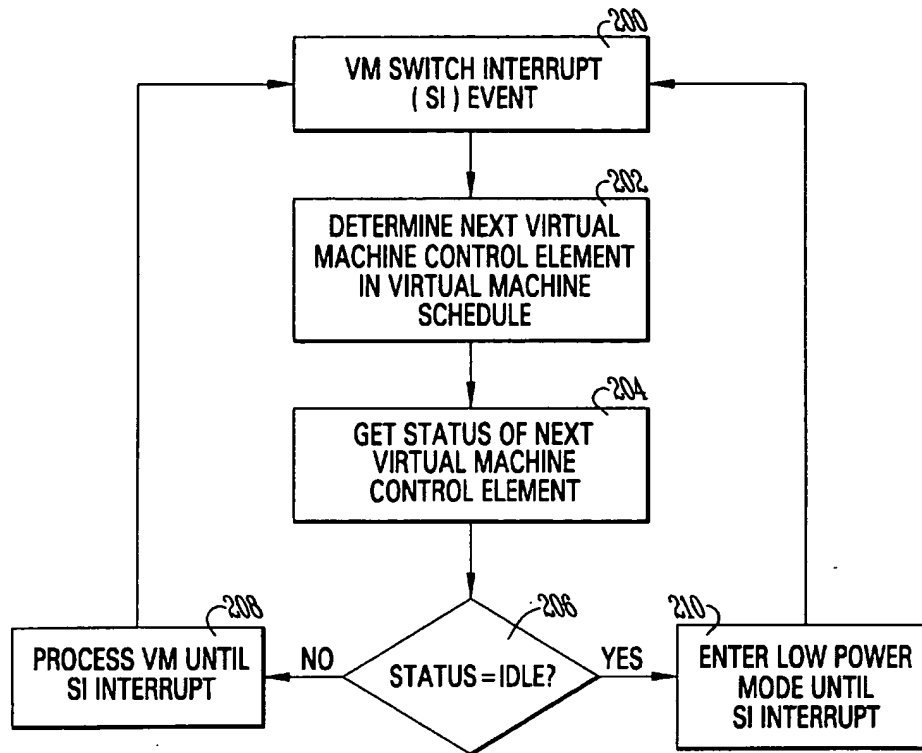


FIG. 2

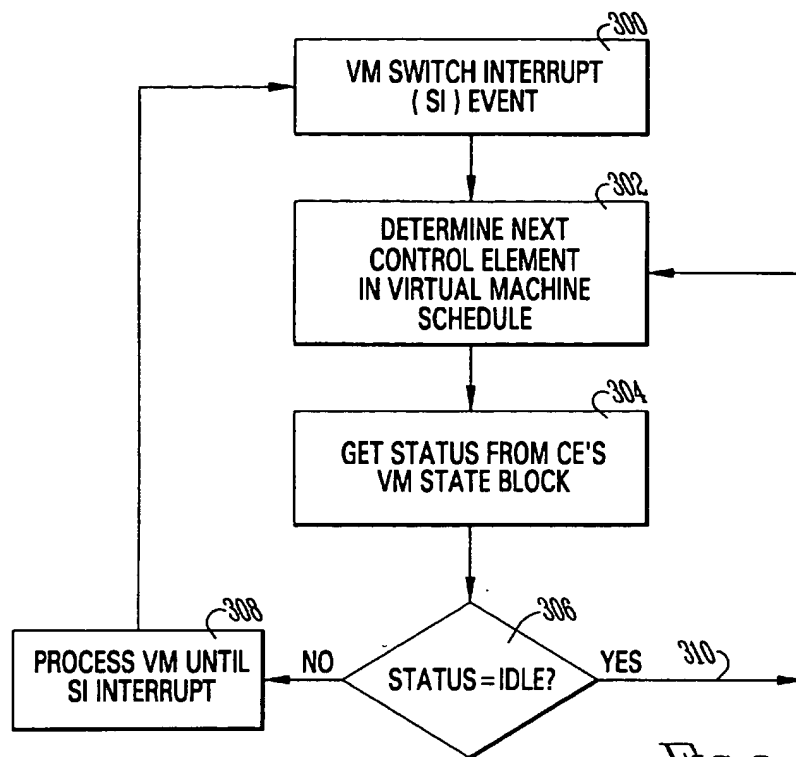


FIG. 3

00000000
00000004
00000008
0000000C
00000010
00000014

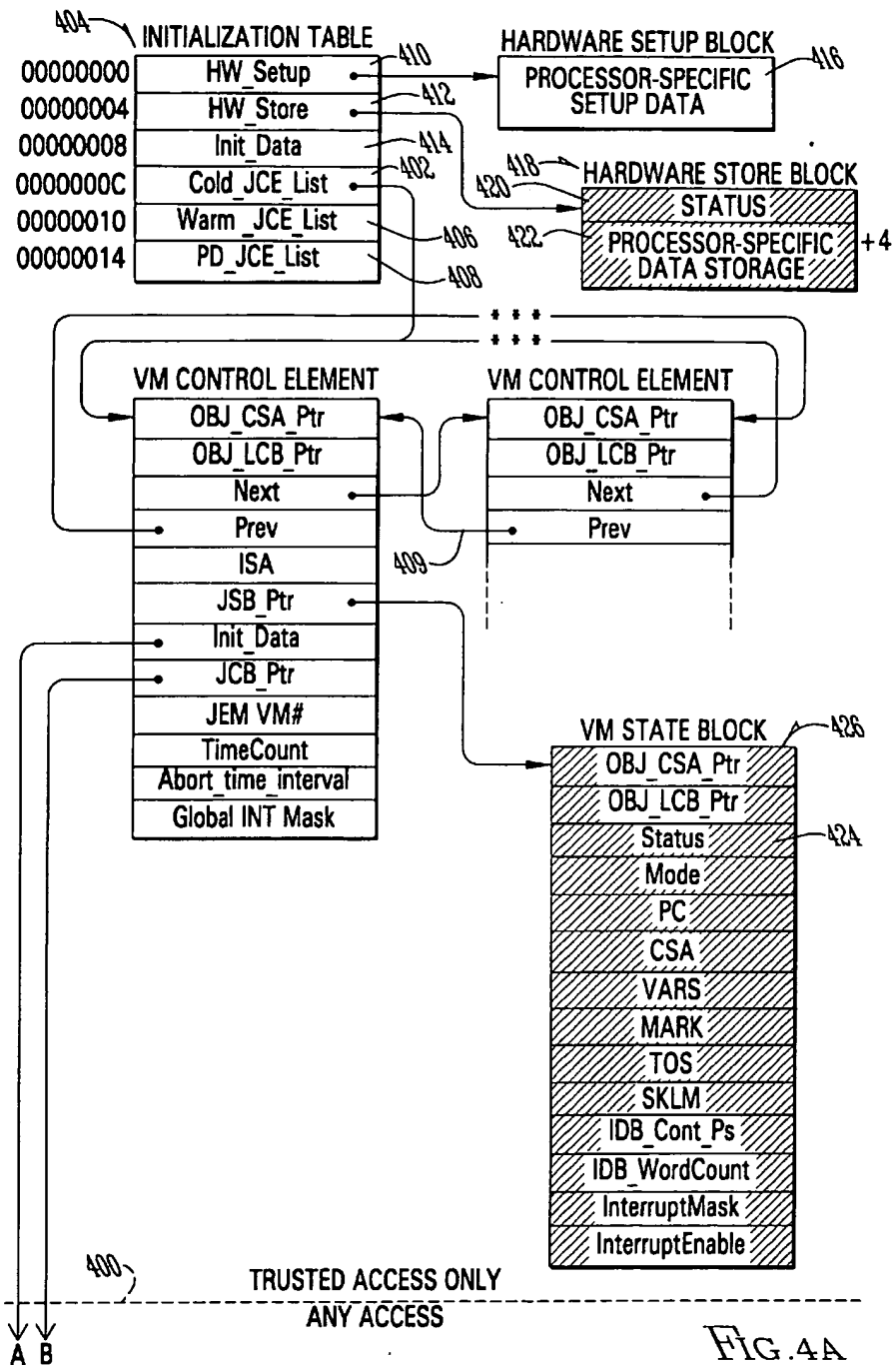


FIG. 4A

The diagram illustrates the data structures for a Virtual Machine (VM) system, organized into five main components:

- VM CONTROL BLOCK:** A vertical stack of fields including OBJ_CSA_Ptr, OBJ_LCB_Ptr, Exec_TCB, Exec_Init_TOS, Exec_Init_SKLM, Exec_Init_MethodBlk, Exec_Init_CSA, Error_Init_TOS, Error_Init_SKLM, Error_Init_MethodBlk, Error_Init_CSA, arrayCSAarray_Ptr, IRQ_Array, TRAP_Array, and Implicit Invoke Array. Arrows labeled 'A' and 'B' point to the top of this block.
- VM THREAD MGMT CTRL BLK:** A vertical stack of fields including OBJ_CSA_Ptr, OBJ_LCB_Ptr, UserTCB_Ptr, PrMask, RqMask, PRIindex, LastChord, FirstChord, CsMask, Ready Queue, Sleep Queue, Sleep Q Time Mark, Thread List, LCB List, and Notify Queue List. An arrow points from the VM CONTROL BLOCK to this block.
- VM INITIALIZED DATA CHAIN:** A vertical stack of fields including Relocate, Next, and Size. An arrow points from the VM CONTROL BLOCK to this block.
- EXEC THREAD CONTROL BLOCK:** A vertical stack of fields including OBJ_CSA_Ptr, OBJ_LCB_Ptr, Status, and PC. An arrow points from the VM CONTROL BLOCK to this block.
- USER THREAD CONTROL BLOCK:** A vertical stack of fields including OBJ_CSA_Ptr, OBJ_LCB_Ptr, Status, PC, CSA, VARS, MARK, TOS, SKLM, InterruptEnable, HCB_Ptr, Qnext, Qprev, BasePriority, ActivePriority, RqOffset, BaseState, PriBitMask, State1, cycleTime, initialRest, deltaDelay, SQNext, SQPrev, savedLockCount, nextThread, waitLock, State2, Object List, Start TM TimeMark, and Active Time. An arrow points from the VM CONTROL BLOCK to this block.

Arrows indicate the relationships and data flow between these structures, showing how the VM Control Block manages various threads and data chains.

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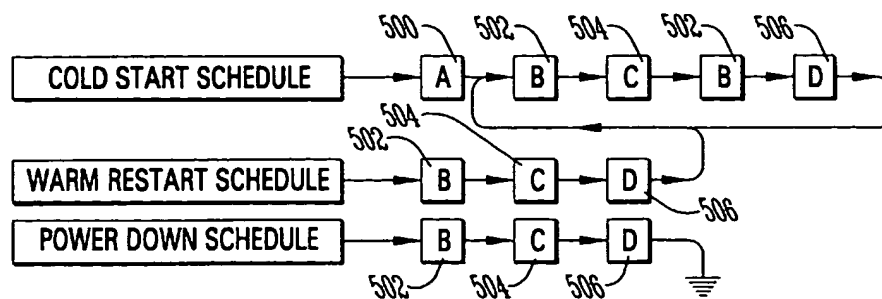


FIG. 5

Code	Mnemonic	HW Store	JSB	Description
0xFFFFFFFF				
0x0	Continue	✓	✓	continue
0x1	Init	✓	✓	copy IDBs and initialize partition (initialization value)
0x2	PDEcho	✓	✓	power down interrupt received during normal execution
0x3	PDDone	✓	✓	halt instruction executed in power down handler
	Initidle	✓	✓	power down interrupt received during IDB copy
0x10	BISTFailure	✓		BIST failure
0x11	NullHWSetup	✓		null HW_Setup pointer
0x12	NullIDBList	✓		null Init_Data pointer
0x13	EndofSchedule	✓		end of schedule error
0x14	CorruptDB	✓	✓	invalid Initialized Data Block
0x20	NullVM	✓	✓	VM has not been loaded
0x21	Time Violation	✓	✓	partition time limit exceeded
0x22	Space Violation	✓	✓	partition space restrictions exceeded
0x23	PDError	✓	✓	multiple power down interrupts received
0x24	WSError	✓	✓	power down handler did not complete successfully
0x25	VirtualMachineError	✓	✓	VM execution error (For ex: VM resources exhausted)
0x40	MemTestFail	✓		initial memory test failure
0x4X		✓	✓	processor specific errors
other		✓	✓	reserved

FIG. 6

FIG. 7

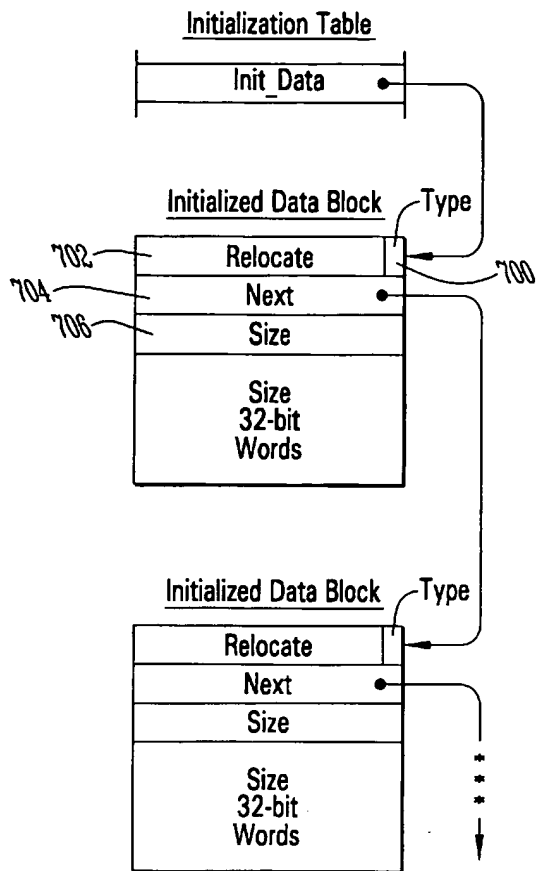


FIG. 7